

CLAIMS

What is claimed is:

[c01] A method, comprising the steps of:

communicating with a server specified by a Uniform Resource Locator;
retrieving content specified by the Uniform Resource Locator; and
if the content contains an additional link to another Uniform Resource Locator,
then parsing the content to determine if the content contains an error message, the error
message indicating existence of a partial page error.

[c02] A method according to claim 1, further comprising the step of parsing additional content
specified by the another Uniform Resource Locator, the parsing of the additional content
to determine if the additional content also contains the error message.

[c03] A method according to claim 1, wherein if the content does not contain the additional
link, then checking a size of the content.

[c04] A method according to claim 3, wherein if the size of the content is smaller than
expected, then reporting an error.

[c05] A method according to claim 1, further comprising the step of reporting the error
message.

[c06] A method for verifying the integrity of web server content, the method comprising the
steps of:

a) reading a list of Uniform Resource Locators requiring integrity verification;

b) initiating a communication link to a server specified by a Uniform Resource Locator in the list;

c) retrieving content specified by the Uniform Resource Locator; and

d) parsing the content to determine if the content comprises an error message, the error message indicating existence of a partial page error.

[c07] A method according to claim 6, wherein if the communication link fails, then reading another Uniform Resource Locator in the list and repeating step b).

[c08] A method according to claim 7, further comprising the step of reporting the failed communication link.

[c09] A method according to claim 6, further comprising the step of reporting the error message indicating the existence of a partial page error.

[c10] A method according to claim 6, wherein if the content comprises an additional link to additional content, then adding the additional link to the list.

[c11] A method according to claim 10, further comprising the step of parsing the additional content to determine if the additional content also contains the error message.

[c12] A method according to claim 10, wherein if the content does not contain the additional link, then checking a size of the content.

[c13] A method according to claim 12, wherein if the size of the content is smaller than expected, then reporting an error.

[c14] A method according to claim 13, wherein if the size of the content is smaller than expected, then reading another Uniform Resource Locator in the list and repeating step b).

[c15] A system, comprising:

an Integrity Module stored in a memory device, and a processor communicating with the memory device;

the Integrity Module communicating with a server specified by a Uniform Resource Locator, the Integrity Module retrieving content specified by the Uniform Resource Locator, if the content contains an additional link to another Uniform Resource Locator, then the Integrity Module parses the content to determine if the content contains an error message, with the error message indicating existence of a partial page error.

[c16] A computer program product, comprising:

a computer-readable medium; and

an Integrity Module stored on the computer-readable medium, the Integrity Module communicating with a server specified by a Uniform Resource Locator, the Integrity Module retrieving content specified by the Uniform Resource Locator, if the content contains an additional link to another Uniform Resource Locator, then the Integrity Module parses the content to determine if the content contains an error message, with the error message indicating existence of a partial page error.